Process, service computer, switching centre,
terminals and program modules for handling incoming
telephone calls during an online data-network session
blocking a subscriber line

Abstract

The present invention relates to a process and also to a
service computer, a switching centre, terminals, program
modules and memory means with program modules for handling
incoming telephone calls for a subscriber line (VA1) of a
5   telecommunications network (PSTN) during an online data-
network session blocking the subscriber line (VA1). In
this process a terminal (TERA) sets up a connection (VA11,
VA1, VPOP1) to an online data-network access device (POP)
via the subscriber line (VA1). Thereupon the online data-
10 network access device (POP) sends current access data to
the terminal (TERA), which the terminal (TERA) signals to a
service computer (SCP) of the telecommunications network.
If a switching centre (SW1) of the telecommunications
network then detects an incoming call destined for the
15 subscriber line (VA1), the switching centre (SW1) then
signals the fact that this call is waiting to the service
computer (SCP) which supplies at least one predetermined
service for the purpose of processing the incoming call.
The service may, for example, consist in a message being
20 sent to the terminal (TERA), in which attention is drawn to
the incoming call, or in the incoming call being forwarded
to an alternative destination (TELA2).

(Figure 1)